

AIR QUALITY CLASS I OPERATING PERMIT

PERMIT NUMBER: OP13R1-006

NDEQ ID: 24371

Program ID: AIR 079 00010

Permit Issued To: CNH Industrial America LLC

Name of Source in Application: CNH Industrial America LLC

Mailing Address: PO Box 4902, Grand Island, Nebraska 68802

Source Location: 3445 W. Stolley Park Rd, Grand Island, Hall County, Nebraska

Project Description: This operating permit approves the operation of a farm machinery and equipment manufacturing facility performing fabrication, assembly, and painting of metal parts.

Primary Standard Industrial Classification (SIC) Code: 3523, Farm Machinery and Equipment

Superseded Operating Permit(s): Operating Permit #OPSPR1-0056 issued August 7, 2008.

Pursuant to Title 129, Chapter 14, of the Nebraska Air Quality Regulations, the public has been notified by prominent advertisement of the proposed operation of an air contaminant source and the thirty (30) day period allowed for comments has elapsed. This Operating Permit approves the operation of farm machinery and equipment manufacturing including fabrication, assembly, and painting of metal parts. This Operating Permit approves the operation of this source as identified in the Air Quality Operating Permit Application 13R1-006 received February 6, 2013, including any supporting information received prior to issuance of this permit. Additional details on the source, including estimated pollutant emissions, can be found in the accompanying Fact Sheet.

Compliance with this permit shall not be a defense to any enforcement action for violation of an ambient air quality standard. Unless otherwise noted the conditions of this permit are enforceable by the United States Environmental Protection Agency (USEPA) and the Nebraska Department of Environmental Quality (NDEQ). The permit holder, owner, and operator of the source shall assure compliance with all of the terms and conditions in this permit and the Attachments.

The undersigned issues this document on behalf of the NDEQ Director in accordance with Title 129 – Nebraska Air Quality Regulations as amended July 6, 2015.

DRAFT

Date

Shelley Schneider, Administrator
Air Quality Division

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ABBREVIATIONS, SYMBOLS, and UNITS OF MEASURE

AP-42	Compilation of Air Pollutant Emission Factors, Volume I, Stationary Point and Area Sources	NDEQ	Nebraska Department of Environmental Quality
BACT	Best Available Control Technology	NESHAP	National Emission Standards for Hazardous Air Pollutants
Btu	British Thermal Unit	NO ₂	Nitrogen Dioxide
bu	Bushel	NO _x	Nitrogen Oxides
CAA	Clean Air Act	N ₂ O	Nitrous Oxide
CE	Control Equipment	NSPS	New Source Performance Standard
cf	Cubic Feet	NSR	New Source Review
CFC	Chlorofluorocarbons	OP	Operating Permit
CEMS	Continuous Emissions Monitoring System	PAL	Plant-wide Applicability Limit
CFR	Code of Federal Regulations	Pb	Lead
CO	Carbon Monoxide	PEMS	Predictive Emissions Monitoring System
CO ₂	Carbon Dioxide	PM	Particulate Matter
CO _{2e}	Carbon Dioxide Equivalent	PM _{2.5}	Particulate Matter with an aerodynamic diameter equal to or less than 2.5 microns
CP	Construction Permit	PM ₁₀	Particulate Matter with an aerodynamic diameter equal to or less than 10 microns
Director	Director of the Nebraska Department of Environmental Quality	PM ₁₀ (total)	Filterable and condensable particulate matter
dscf	Dry Standard Cubic Feet	ppb	Parts per Billion
dscfm	Dry Standard Cubic Feet per Minute	ppm	Parts per Million
EMIS	Emergency Management Information System	ppmv	Parts per Million by Volume
EQC	Environmental Quality Council	ppmvd	Parts per Million by Volume, dry basis
EP	Emission Point	PSD	Prevention of Significant Deterioration
EU	Emission Unit	PTE	Potential to Emit
FIP	Federal Implementation Plan	scf	Standard Cubic Feet
FR	Federal Register	SIC	Standard Industrial Classification
ft	Feet	SIP	State Implementation Plan
FTIR	Fourier Transform Infrared	SO ₂	Sulfur Dioxide
GHGs	Greenhouse Gases	SO _x	Sulfur Oxides
HAP	Hazardous Air Pollutant(s)	Title 129	Title 129, Nebraska Air Quality Regulations
HC	Hydrocarbons	TDS	Total Dissolved Solids
hp	Horsepower	tpy	Tons per year
hr	Hour	TRS	Total Reduced Sulfur
lb	Pound	TSP	Total Suspended Particulate Matter
LDAR	Leak Detection and Repair	USEPA	United States Environmental Protection Agency
LNB	Low NO _x Burner	UTM	Universal Transverse Mercator
MACT	Maximum Achievable Control Technology	VHAP	Volatile Hazardous Air Pollutant
Mgal	One Thousand Gallons	VMT	Vehicle Miles Traveled
MMBtu	One Million British Thermal Units	VOC	Volatile Organic Compound
MMgal	One Million Gallons	yr	Year
MMscf	One Million Standard Cubic Feet		
MSDS	Material Safety Data Sheet		
n/a	Not Applicable		
NAAQS	National Ambient Air Quality		

I. GENERAL CONDITIONS

- (A) Administrative amendment of this permit for a change in ownership or operational control of this source is allowed provided the NDEQ determines that no other change in the permit is necessary and a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to the NDEQ (Title 129, Chapter 15, Section 001.01D).
- (B) The permittee shall allow the NDEQ, USEPA or an authorized representative, upon presentation of credentials (Title 129, Chapter 8, Section 012.02) to:
- (1) Enter upon the permittee's premises at reasonable times where a source subject to this permit is located, emissions-related activity is conducted, or where records must be kept under the conditions of this permit, for the purpose of ensuring compliance with this permit or applicable requirements;
 - (2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, for the purpose of ensuring compliance with this permit or applicable requirements;
 - (3) Inspect at reasonable times any facilities, pollution control equipment, including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit, for the purpose of ensuring compliance with this permit or applicable requirements;
 - (4) Sample or monitor, at reasonable times, substances or parameters for the purpose of ensuring compliance with the permit or applicable requirements.
- (C) Regulatory authority:
- (1) Title 40 Protection of Environment, Code of Federal Regulations that apply to the source including those not currently delegated to Nebraska or not yet included in Title 129 - Nebraska Air Quality Regulations, and
 - (2) Title 129 - Nebraska Air Quality Regulations that apply to the source as amended July 6, 2015.
- (D) The permittee shall comply with 40 CFR part 82, Protection of the Stratospheric Ozone. Affected controlled substances include, but are not limited to, chlorofluorocarbons and hydrochlorofluorocarbon refrigerants, halons, carbon tetrachloride, and methyl chloroform (specific affected controlled substances are listed in 40 CFR part 82, Subpart A, Appendices A, (Class I) and B (Class II).
- The following subparts and Sections of 40 CFR part 82 are conditions of this permit:
- Subpart A - Production and Consumption Controls
- Subpart B - Servicing of Motor Vehicle Air Conditioners
- Subpart E - Labeling of Products Using Ozone-Depleting Substances: Sections 82.106 Warning statement requirements, 82.108 Placement of warning statement, 82.110 Form of label bearing warning statement, and 82.112 Removal of label bearing warning statement
- Subpart F- Recycling and Emissions Reduction: Sections 82.156 Required

practices, 82.158 Standards for recycling and recovery equipment, 82.161 Technician certification, and 82.166 Reporting and recordkeeping requirements

Subpart G -Significant New Alternatives Policy Program

- (E) This permit is issued for a fixed term of five (5) years. A renewal application shall be submitted to the NDEQ a minimum of six (6) months and a maximum of eighteen (18) months before permit expiration. Provided their application is submitted within the above timeframe, the source may continue to operate without a permit from the date the application is determined to be complete until final action on the application is taken by the NDEQ (Title 129, Chapter 8, Section 003, and Chapter 7, Section 002.06 and Section 003.04).
- (F) The permittee shall comply with all conditions of this permit. Any permit noncompliance shall constitute a violation of the Nebraska Environmental Protection Act and the Federal Clean Air Act, and is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application (Title 129, Chapter 8, Section 007.01).
- (G) It shall not be a defense for a permittee in an enforcement action to claim that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit (Title 129, Chapter 8, Section 007.02).
- (H) This permit may be modified; revoked, reopened, and reissued; or terminated for cause in accordance with Title 129 and Title 115, Rules of Practice and Procedure. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not supersede any permit condition (Title 129, Chapter 8, Section 007.03).
- (I) Conditions under which this permit will be reopened, revoked and reissued or terminated during its term for cause, include but are not limited to (Title 129, Chapter 8, Section 010, and Chapter 15, Section 006):
 - (1) Additional applicable requirements under the Nebraska Environmental Protection Act or the Federal Clean Air Act, which become applicable to this source with a remaining permit term of three (3) or more years. No such reopening will occur if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended;
 - (2) Additional requirements, including excess emissions requirements, that become applicable to an affected source under the acid rain program under Chapter 26;
 - (3) A determination by the Director or the Administrator of USEPA that:
 - (a) The permit must be revoked and reissued to ensure compliance with the applicable requirements;
 - (b) The permit contains a material mistake or that inaccurate statements were made in the emissions standards or other terms or conditions of the permit;
 - (c) An applicable requirement or applicable requirement under the

Federal Clean Air Act applies which was not identified by the permittee in its application;

- (J) This permit may be revoked during its term for cause, including but not limited to (Title 129, Chapter 8, Section 010, and Chapter 15, Section 006.02):
 - (1) The existence at the source of unresolved noncompliance with applicable requirements or a term or condition of this permit, and refusal of the permittee to agree to an enforceable schedule of compliance to resolve the noncompliance;
 - (2) The submittal by the permittee of false, incomplete, or misleading information to the NDEQ or USEPA;
 - (3) A determination by the Director that the permitted source or activity endangers human health or the environment and that the danger cannot be removed by a revision of this permit; or
 - (4) The failure of the permittee to pay a penalty owed pursuant to court order, stipulation and agreement, or order issued by the Administrator of the USEPA.
- (K) This permit does not convey any property rights of any sort, or any exclusive privilege (Title 129, Chapter 8, Section 007.04).
- (L) The permittee shall furnish to the NDEQ, within the time specified by the NDEQ, any information requested by the NDEQ in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the NDEQ copies of records required to be kept in accordance with the permit or, for information claimed to be confidential, the permittee may furnish such records along with a claim of confidentiality pursuant to Title 115 - Rules of Practice and Procedure (Title 129, Chapter 8, Section 007.05).
- (M) The provisions of this permit supersede the provisions of any previously issued operating or construction permit. The applicable requirements of previously issued construction permits are now conditions of this permit (Title 129, Chapter 8, Sections 002 and 007.06).
- (N) In the event of a challenge to any portions of this permit, the unchallenged permit requirements shall remain valid (Title 129, Chapter 8, Section 006).
- (O) The following methods may be used to determine compliance with the terms and conditions in this permit (Title 129, Chapter 34, Section 008):
 - (1) Any compliance test method specified in the State Implementation Plan;
 - (2) Any test or monitoring method approved for the source in a permit issued pursuant to Title 129, Chapter 8, 17, 19, or 26;
 - (3) Any test or monitoring method provided for in Title 129; or
 - (4) Any other test, monitoring, or information-gathering method that produces information comparable to that produced by any method described in I.(O)(1) through (3).
- (P) Open fires are prohibited except as allowed by Title 129, Chapter 30.
- (Q) Particulate Matter – General Requirements (Title 129, Chapter 32):

- (1) The permittee shall not cause or permit the handling, transporting or storage of any material in a manner which allows particulate matter to become airborne in such quantities and concentrations that it remains visible in the ambient air beyond the property line.
- (2) The permittee shall not cause or permit the construction, use, repair or demolition of a building, its appurtenances, a road, a driveway, or an open area without applying all reasonable measures to prevent particulate matter from becoming airborne and remaining visible beyond the property line. Such measures include, but are not limited to, paving or frequent cleaning of roads, driveways and parking lots; application of dust-free surfaces; application of water; and planting and maintenance of vegetative ground cover.
- (R) Application for review of plans or advice furnished by the Director will not relieve the permittee of legal compliance with any provision of these regulations, or prevent the Director from enforcing or implementing any provision of these regulations (Title 129, Chapter 37).
- (S) If and when the Director declares an air pollution episode as defined in Title 129, Chapter 38, Section 003.01B, 003.01C, or 003.01D, the permittee shall immediately take all required actions listed in Title 129, Appendix I, Paragraph 1.1, 1.2, and 1.3, respectively, until the Director declares the air pollution episode terminated (Title 129, Chapter 38, Section 003).

II. SPECIFIC CONDITIONS

Terms and conditions of this permit are in accordance with the requirements of Title 129, Chapter 8, Section 001. The specific applicable requirement that is the basis for each specific permit condition is listed with each permit condition.

- (A) Recordkeeping: To ensure compliance with this permit, records shall be maintained as outlined below. Records include, but are not limited to: copies of all application materials, notifications, reports, test protocols, test results, and plans; and, originals of all required monitoring results, measurements, inspections, and observations (Title 129, Chapter 8, Section 004.02B):
- (1) All records required by this permit shall be kept on-site for a minimum of five (5) years and shall be clear and readily accessible to NDEQ representatives, unless otherwise specified in this permit.
 - (2) Monthly calculations and records required throughout this permit shall be compiled no later than the fifteenth (15th) day of each calendar month and shall include all records and calculations generated through the previous calendar month, unless otherwise specified in this permit.
 - (3) The source shall keep the following records for each malfunction, start-up and shutdown where emissions were, or may have been, in excess of an emission limitation or standard (Title 129, Chapter 6, Sections 002 and 005; Chapter 8, Section 004.03B; Chapter 11; and Chapter 35, Sections 002, 004 and 005):
 - (a) The identity of the equipment.
 - (b) Reason for, or cause of, the malfunction, shutdown, or start-up.
 - (c) Duration of period of excess emissions.
 - (d) Date and time of the malfunction, shutdown, or start-up.
 - (e) Physical and chemical composition of pollutants whose emissions are affected by the action.
 - (f) Methods, operating data, and/or calculations used to determine these emissions.
 - (g) Quantification of emissions in the units of the applicable emission control regulation.
 - (h) All measures utilized to minimize the extent and duration of excess emissions during the malfunction, shutdown, and start-up.
 - (4) The source shall keep records of maintenance performed on all permitted emission units, permitted control equipment, and required monitoring equipment (Title 129, Chapter 8, Section 004.01C; Chapter 11, Section 001; Chapter 34, Section 006; and Chapter 35, Sections 006.02 and 006.05).
 - (5) Except for electronically generated records, all manually entered records of opacity readings, instrument readings, visual equipment inspections, log book entries, and any other record of equipment performance shall be initialed, or otherwise signed, by the individual who entered the record.
 - (6) Operation and maintenance manuals, or equivalent documentation, detailing proper operation and maintenance of all permitted emission

units, required control equipment and required monitoring equipment shall be kept for the life of the equipment.

(B) Submittals/Reporting:

All submittals, including reports, required by Condition II.(B) and Condition II.(D)(1)(g) shall contain a certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete (Title 129, Chapter 1, Section 135; Chapter 7, Section 008; and Chapter 8, Section 012.01).

The following shall be submitted to the NDEQ as specified:

- (1) The permittee shall submit a report of applicable monitoring and all instances of deviations from permit requirements every six (6) calendar months to the NDEQ. The report for the first six (6) months (January through June) shall be submitted by September 30 of each year. The report for the second six (6) months (July through December) shall be submitted by March 31 of the following year (Title 129, Chapter 8, Section 004.03A).
- (2) The permittee shall report all deviations from permit requirements, including those attributable to start-ups, shutdowns or malfunctions, the probable cause of such deviations, and any corrective actions or preventive measures taken. The probable cause, corrective actions, or preventive measures do not have to be provided if that information has already been submitted in other reports to the NDEQ, such as for 40 CFR 60.7; however reported deviations must reference these other reports. All reports of deviations must be submitted within the time frame as per Conditions II.(B)(2)(a), (b), and (c) below (Title 129, Chapter 11, Chapter 8, Sections 004.03 and 004.04, and Chapter 35, Sections 004 and 005).
 - (a) Any deviation resulting from emergency or upset conditions shall be reported within two (2) working days of the date on which the permittee first becomes aware of the deviation if the permittee wishes to assert the affirmative defense authorized under Chapter 11 of Title 129. The report may be submitted initially without a certification by the responsible official, as required by Condition II.(B) above, if an appropriate certification is provided within ten (10) days thereafter, together with the information required under Condition II.(A)(3) and any corrected or supplemental information required concerning the deviation.
 - (b) Any deviation that poses an imminent and substantial danger to public health, safety, or the environment shall be reported as soon as is practicable. The report may be submitted initially without a certification by a responsible official in accordance with Condition II.(B) above, if an appropriate certification is provided within ten (10) days thereafter, together with any corrected or supplemental information required concerning the deviation.
 - (c) All other deviations shall be reported as per Condition II.(B)(1).
- (3) The permittee shall submit completed emission inventory forms for the preceding calendar year to the NDEQ by March 31 of each year (Title

- 129, Chapter 6).
- (4) The permittee shall submit fees, due July 1 of each year, based on the actual emission tonnage, up to and including 4,000 tons per year for each regulated pollutant for fee purposes, as established in the emission inventory for the previous calendar year (Title 129, Chapter 8, Section 008 and Chapter 29).
 - (5) Certification of compliance with the terms and conditions of this permit, including emission limitations, standards, or work practices, for the preceding calendar year, shall be submitted to the NDEQ and to USEPA Region VII's Air Compliance Coordinator by March 31 of each year. The report shall be certified by a responsible official in accordance with Condition II.(B) and shall include the following (Title 129, Chapter 8, Section 012.05).
 - (a) The identification of each term or condition of the permit that is the basis of the certification;
 - (b) The compliance status;
 - (c) A determination of whether compliance was continuous or intermittent; and
 - (d) The methods used for determining the compliance status of the source, currently and over the reporting period.
 - (6) Any emissions due to malfunctions, unplanned shutdowns, and ensuing start-ups that are, or may be in excess of applicable emission limitations shall be reported to the NDEQ in accordance with Condition II.(B)(2)(a).
- (C) Changes allowed for without an operating permit revision (Title 129, Chapter 15, Section 007):
- (1) The permittee may make the changes identified in Condition II.(C)(1)(a) within a permitted facility without a permit revision if the change is not a modification under Title 129, Chapters 18, 23, 27, or 28; the change does not require a construction permit under Chapters 17 or 19; and the change does not result in the emissions allowable under the permit (whether expressed therein as a rate of emissions or in the terms of total emissions) being exceeded. The permit shield in Condition II.(E) shall not apply to any change made under this condition (Title 129, Chapter 15, Section 007.01).
 - (a) Changes in the configuration of the source's equipment, defined as "Section 502(b)(10) changes", as defined in Title 129, Chapter 1, Section 139 (Title 129, Chapter 15, Section 007.01A). Written notification of these changes shall be sent to the NDEQ as follows:
 - (i) Non-Emergencies (Title 129, Chapter 1, Section 139; Chapter 15, Section 007.01):
 - 1. Written notification shall be received by the NDEQ a minimum of seven (7) days in advance of the proposed changes;

- (ii) Emergencies (Title 129, Chapter 1, Section 139; Chapter 15, Section 007.01):
 - 1. Initial notification shall be made within two working days of the date on which the permittee first becomes aware of the need for the change;
 - 2. A follow-up written notification shall be submitted as soon as practicable; and,
 - 3. The notifications shall include an explanation of the nature of the emergency.
 - (iii) Required information (Title 129, Chapter 15, Section 007.01.A):
 - 1. A brief description of the change within the permitted source (Chapter 15, Section 007.01A1);
 - 2. The date on which the change will occur (Chapter 15, Section 007.01A2);
 - 3. Any change in emissions (Chapter 15, Section 007.01A3); and,
 - 4. Any permit term or condition that is no longer applicable as a result of the change (Chapter 15, Section 007.01A4).
 - (iv) A copy of the notification shall be attached to the source's copy of the operating permit.
- (2) The permittee may make changes that are not defined as "Section 502(b)(10) changes" within a permitted source without a permit revision if the change is not a modification under Title 129, Chapters 18, 23, 27, or 28; and the change is not a change which would require a construction permit under Chapters 17 or 19 (Title 129, Chapter 15, Section 007.02).
- (a) Each such change shall meet all applicable requirements and shall not violate any existing permit term or condition (Title 129, Chapter 15, Section 007.02A).
 - (b) The source shall provide contemporaneous written notice to the Director and the Administrator of EPA, except for changes that qualify as insignificant activities under the provisions of Title 129, Chapter 7, Sections 006.03 and 006.04. Such written notice shall include (Title 129, Chapter 15, Section 007.02B):
 - (i) A description of each change;
 - (ii) The date the change will be made;
 - (iii) A description of any change in emissions;
 - (iv) A list of the pollutants emitted; and,
 - (v) A list of any applicable requirements that would apply as a result of the change, including terms and conditions established in the relevant operating permit for synthetic minor purposes.

- (c) A copy of the notification in Condition II.(C)(2)(b) shall be attached to the source's copy of the operating permit.
 - (d) Any change under Condition II.(C)(2) shall not qualify for a permit shield under Chapter 8, Section 014 (Title 129, Chapter 15, Section 007.02C).
 - (e) The permittee shall keep a record describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and emissions resulting from those changes (Title 129, Chapter 15, Section 007.02D).
 - (f) Upon review of a notice submitted in accordance with Condition II.(C)(2)(b), the NDEQ may require a source to apply for an operating permit if the change does not meet the requirements of Condition II.(C)(2) [Title 129, Chapter 15, Section 007.02E].
- (3) Testing requirements:
 - (a) Testing may be required if a change reported under Condition II.(C)(1) or II.(C)(2) involves an emissions unit that was previously tested (Title 129, Chapter 8, Section 004.01B and 015; Chapter 34).
- (D) Testing:
 - (1) Performance tests, when required by the NDEQ, shall be completed as follows:
 - (a) The owner or operator shall provide the NDEQ at least thirty (30) days written notice prior to testing to afford the NDEQ an opportunity to have an observer present. The NDEQ may, in writing, approve a notice of less than 30 days. If the testing is pursuant to an underlying requirement contained in a federal rule, the notice provisions of the underlying requirement apply (Title 129, Chapter 34, Section 003).
 - (b) The owner or operator shall provide the NDEQ with an emissions testing protocol at least thirty (30) days prior to testing (Title 129, Chapter 34, Section 003).
 - (c) Testing shall be conducted according to the methodologies found in Title 129, Chapter 34, Section 002, or other NDEQ approved methodologies (Title 129, Chapter 34, Section 002).
 - (d) Performance tests shall be conducted while operating at full capacity, unless otherwise specified by the NDEQ (Title 129, Chapter 8, Sections 004.01B and 012.01).
 - (e) Performance tests shall be conducted for a minimum of three (3) one-hour runs unless another run-time is specified by the applicable Subpart or as deemed appropriate by the NDEQ (Title 129, Chapter 8, Sections 004.01B and 012.01B).
 - (f) The owner or operator shall monitor and record the operating parameters for process and control equipment during the performance testing required in the permit (Title 129, Chapter 8,

Sections 004.01B and 012.01).

- (g) A certified written copy of the test results, signed by the person conducting the test, shall be provided to the NDEQ within sixty (60) days of completion of the test and will, at a minimum, contain the following items (Title 129, Chapter 8, Sections 004.01B and 012.01, and Chapter 34, Section 002.07):
 - (i) A description of:
 - 1. The operating parameters for the emissions unit during testing. Examples include, but are not limited to, production rates, process throughputs, firing rates of combustion equipment, or fuel usage; and,
 - 2. The operating parameters for the control equipment during testing. Examples include, but are not limited to, baghouse fan speeds, scrubber liquid flow rates, or pressure drop across the control device.
 - (ii) Copies of all data sheets from the test run(s).
 - (iii) A description and explanation of any erroneous data or unusual circumstance(s) and the cause for such situation.
 - (iv) A final conclusion section describing the outcome of the testing.
- (E) A permit shield is granted (Title 129, Chapter 8, Section 014).
 - (1) During the term of this permit compliance with the Specific Conditions, identified in Conditions II.(A), (B), (F), (I) and III., constitutes compliance with the underlying applicable requirements. The origin and/or authority for each applicable requirement is identified in the condition.
 - (2) The permit shield does not affect:
 - (a) The emergency provisions of Neb. Rev. Stat. §81-1507 of the Nebraska Environmental Protection Act;
 - (b) The USEPA's authority under the provisions of Section 303, Emergency Powers, of the Clean Air Act;
 - (c) Liability for any violation of applicable requirements or applicable requirements under the Federal Clean Air Act prior to or at the time of permit issuance;
 - (d) The applicable requirements of Chapter 26;
 - (e) The authority of the NDEQ or USEPA to obtain information; or
 - (f) Any other permit provisions, terms, or conditions, including, but not limited to, construction permits issued pursuant to Chapter 17 or permits issued pursuant to other State authorities and Titles.

- (3) The NDEQ has determined the requirements specifically identified in the following table are not applicable to this source. Therefore a permit shield is granted as allowed under Title 129, Chapter 8, Section 014.02B:

Requirement	Shield Request Basis and Determination
Title 129, Chapter 18, Section 001.69 – NSPS Subpart CCCC – Commercial and Industrial Solid Waste Incineration Units	Bake-off ovens EP#8914 and EP#8932 meet the definition of burn-off ovens as specified in §60.2265. This definition states the burn-off ovens are not a regulated emission unit under this subpart.
Title 129, Chapter 28, Section 001.77 – NESHAP Subpart GGGGG – Site Remediation	<p>This Subpart regulates remediation projects. At this point in time, CNH does not anticipate taking remedial action in the near future.</p> <p>History: CNH conducted a remediation in accordance with the voluntary clean-up program in Nebraska (RAPMA ID# 36-336-4917), which included removal of impacted soil and paint-related material from the property. This activity was initiated October 2003 and completed in January 2004 and did not involve an affected source as defined in the standard. Therefore, there are (or were) no applicable emission points.</p> <p>The remedial activity did not involve any regulated emission from activities such as process venting, remediation material management units or equipment leaks. The material that was removed from the site for disposal was characterized to determine disposal requirements. The impacted soil that was disposed as non-hazardous waste contained average VOHAP concentrations below 10 ppm, i.e., the threshold identified in the standard for applicability. The material that contained paint material and was determined to be hazardous waste, due to concentration of lead, was transported (under hazardous waste manifest) for disposal to the Clean Harbors incinerator facility in Kimball, Nebraska. The disposal facility is permitted under RCRA and manages the material in accordance with requirements under 40 CFR Part 63, Subpart GGGGG.</p> <p>In September 2006, a pilot program for in-situ enhanced biodegradation of VOCs in groundwater was initiated. This included two treatment events conducted in September/October 2006 and April 2007, involving application of molasses, nutrients, yeast extract, and inoculum via six injection wells. The rationale for not being covered by the MACT is the same as above.</p>
Title 129, Chapter 28, Section 001.74 – NESHAP Subpart P P P P P - Engine Test Cells and Stands	The engine test stand is for engines that have been installed. NESHAP Subpart P P P P P applies to engine test stands for uninstalled stationary or uninstalled mobile (motive) engines [§63.9285(a) and (b)].

Requirement	Shield Request Basis and Determination
Title 129, Chapter 28, Section <u>001.70</u> – NESHAP Subpart DDDDD – Industrial, Commercial, and Institutional Boilers and Process Heaters at Major Sources of HAPs	Emission Units 2106, 8917, and 8918 are not subject to this subpart since these units do not meet the definition of process heaters as specified in §63.7575. These emission units are the air-makeup heater for burn-off oven vestibule, powder coat dryoff oven, and cure oven.

- (F) All permitted emission units, control equipment, and monitoring equipment shall be properly installed, operated, and maintained (Title 129, Chapter 8, Section 004.01C; Chapter 11, Section 001; Chapter 34, Section 006; and Chapter 35, Sections 006.02 and 006.05).
 - (G) Requirements Becoming Effective During the Term of this Permit: The source will meet, in a timely manner, applicable requirements that become effective during the permit term, unless a more detailed schedule is expressly required by the applicable requirement. (Title 129, Chapter 7, Section 006.02H, and Chapter 8, Section 012.03).
 - (H) In the event of any discrepancies between applicable NSPS or NESHAP standards and the terms and conditions of this permit, the NSPS or NESHAP standards shall take precedence unless they are less stringent (Title 129, Chapter 8, Section 013).
 - (I) Source-Wide Limitations:
 - (1) Operational and Monitoring Requirements:
 - (a) To demonstrate compliance with Condition II.(D)(1)(d), the permittee shall monitor the daily production/throughput rate, after the effective date of this permit, for emission units that have had a performance test (Title 129, Chapter 34, Section 006).
 - (2) Recordkeeping and Reporting Requirements:
 - (a) To demonstrate compliance with Condition II.(I)(1)(a) above, the owner or operator of the source shall keep records of the daily production/throughput rate, after the effective date of this permit, for all emission units that have had a performance test. (Title 129, Chapter 8, Section 004.02, and Chapter 34, Section 006).
 - (b) For emission units that have had a performance test, the permittee shall make a one-time notification to the NDEQ within fifteen (15) days of when there is a ten (10) percent increase in daily production/throughput rate, after the effective date of this permit, over the tested rate recorded during the most recent valid performance test. If there are subsequent ten (10) percent increases over the rate most recently notified to the NDEQ, the permittee shall make a one-time notification to the NDEQ of each such subsequent increase (Title 129, Chapter 8, Section 013).
- Exemption: The reporting requirements of this condition do not apply for those pollutants from an emission unit that has been tested and uses a CEMS, PEMS, or COMS to demonstrate compliance.

- (c) The following definitions apply for purposes of Conditions II.(I)(1)(a), II.(I)(2)(a), and II.(I)(2)(b) above:
 - (i) “rate” shall mean the production or throughput of an emissions unit in the same units of production or throughput as the “tested rate” as defined below; and,
 - (ii) “tested rate” shall mean the production or throughput rate of an emissions unit as recorded in the most recent valid performance test and reported to the NDEQ in the source’s written copy of the test results, or test report, documenting the maximum capacity of the unit(s). The tested rate shall be extrapolated to daily. Examples include, but are not limited to, tons per hour to tons per day or gallons per hour to gallons per day.
- (d) When the source makes physical or operational changes to an emissions unit or associated control equipment that may cause the original testing to not represent current operating conditions or emissions, the source shall submit a notification of the change. Such notification shall be postmarked within fifteen (15) days after such change. The NDEQ may require performance testing based on review of the specific changes identified in the notification and the resulting potential impact on emissions from the unit(s) and/or performance of the control equipment (Chapter 34, Section 001).
 - (i) This notification requirement applies to emissions units and/or control equipment that meet the following requirements, except as provide in condition II.(I)(2)(d)(iii):
 1. Emissions from the emissions unit and/or control equipment is subject to an emissions limit; and
 2. A valid performance test has been conducted for the pollutant to which the emissions limit applies.
 3. Changes that may cause emissions to increase or invalidate prior testing include, but are not limited to, increasing the capacity of an emissions unit, changing the operational parameters of any control equipment outside of the range allowed for under this permit that makes the control equipment less efficient, changing the type of scrubber packing, or increasing the inlet pollutant loading of any control equipment.
 - (ii) The notification shall include the date of the changes, a description of the changes made, and an evaluation of the resulting impact on emissions from the emissions units and/or control equipment.
 - (iii) The above notification requirements do not apply when compliance with the emission limitation is demonstrated through the use of a CEMS or PEMS.

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

(A) Specific Conditions for Surface Coating and Associated Operations

(1) Permitted Emission Points:

The following table contains a description of emission points, control equipment, emission units, and relevant standards at the source at the time of permit issuance, in accordance with operating permit application #13R1-006, received February 6, 2013, including any supporting information received prior to issuance of this permit:

Emission Point ID#	Control Equipment ID# and Description	Emission Unit Description ^[1]	Relevant Standards
7961	-	Pretreatment System (9-Stage Washer), constructed in 2002.	NESHAP Subparts A and M MMM
7962	-	E-Coat System, 99% transfer efficiency, constructed in 2002.	
7962-T	-	E-Coat Feed Storage Tank, 99% transfer efficiency, constructed in 2002.	
7966	-	Cooling Tunnel, constructed in 2002.	
7969	-	Inspection and Preparation Booth, constructed in 2002.	
7970	-	Paint Sludge Removal System, constructed in 2002.	
7971	-	Flash Off Tunnel constructed in 2002.	
7975	Dry fabric filters, with 98% control efficiency for particulate matter	Touch-up Booth #1, constructed in 1965.	
7982	Dry fabric filters, with 98% control efficiency for particulate matter	Touch-up Booth #2, constructed in 1965	
7986	-	Paint Mixing Room for Topcoat Booths, constructed in 2002.	
7988	Downdraft water wash system (scrubber), with 99.5% control efficiency for particulate matter	Topcoat Booth No. 1, 50% transfer efficiency, constructed in 2002.	
7989	Downdraft water wash system (scrubber), with 99.5% control efficiency for particulate matter	Topcoat Booth No. 2, 50% transfer efficiency, constructed in 2002.	
4814	-	Paint Stripper Tank, constructed in 1965.	
8907	Dry fabric filters, with 98% control efficiency for particulate matter	Index Paint System – Booth No. 1 (Primer), installed in 2007	
8908	Dry fabric filters, with 98% control efficiency for particulate matter	Index Paint System – Booth No. 2 (Topcoat), installed in 2007	

Emission Point ID#	Control Equipment ID# and Description	Emission Unit Description ^[1]	Relevant Standards
8919	Dry fabric filters, with 98% control efficiency	Powder Coat Booth #1, with a reclamation system, with 90% reclamation efficiency, installed in 2008.	NESHAP Subparts A and MMMM
8920	Dry fabric filters, with 98% control efficiency	Powder Coat Booth #2, with a reclamation system, with 90% reclamation efficiency, installed in 2008.	
8921	Dry fabric filters, with 98% control efficiency	Powder Coat Booth #3, with a reclamation system, with 90% reclamation efficiency, installed in 2008.	
8922	Dry fabric filters, with 98% control efficiency	Powder Coat Manual Booth, with a reclamation system, with 90% reclamation efficiency, installed in 2008.	

^[1] The project to construct the emission units (Emission Point #s 7961, 7962, 7962-T, 7966, 7969, 7970, 7971, 7986, 7988, and 7989 in 2002, started in September 2002. This identifies these units as new units per NESHAP Subpart MMMM.

(2) Applicable NSPS and NESHAP Requirements

- (a) At the time of permit issuance, there are no NSPS requirements applicable to the emission units listed in Condition III.(A)(1).
- (b) Upon issuance of this permit, the source shall demonstrate compliance with all applicable NESHAP Subpart A and MMMM requirements [Title 129, Chapter 28, Section 001.81].
 - (i) When allowed by NESHAP Subpart MMMM, the source has flexibility to change compliance options for each emission unit during the term of this permit. When changing emission unit compliance options, the source shall notify the NDEQ, in writing, a minimum of 30 days prior to the change. The notification shall include the following: [Title 129, Chapter 8, Section 013]:
 - 1. The date of the change; and,
 - 2. The new compliance option that has been chosen.

(3) Emission Limitations and Testing Requirements:

- (a) Pollutant emission rates from each emission point identified in the table below shall not exceed the permitted limits. Performance testing, if required, shall be conducted in accordance with Condition II.(D).

Emission Point ID#	Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
7961, 7962, 7962-T, 7966, 7969, 7970, 7971, 7975, 7982, 7986, 7988, 7989, 4814, 8907, and 8908	VOC	390.8 tons/yr, combined ^{[1],[2]}	Consecutive twelve (12) months	Construction Permit CP07-0035 issued September 7, 2007 Condition III.(A)(2)	No
7961, 7962, 7962-T, 7966, 7969, 7970, 7971, 7986, 7988, 7989, 8907, 8908, 8919, 8920, 8921, and 8922	Organic HAP	1.9 lb HAP/gal coating solids, combined ^[3]	Consecutive twelve (12) months	Title 129, Chapter 28, Sec. 001.81; NESHAP Subpart MMMM, 40 CFR 63.3890(a)(1); Construction Permit CP07-0035 issued September 7, 2007 Condition III.(A)(4)	No
7975, 7982, and 4814	Organic HAP	2.6 lb HAP/gal coating solids, combined ^[3]	Consecutive twelve (12) months	Title 129, Chapter 28, Sec. 001.81; NESHAP Subpart MMMM, 40 CFR 63.3890(b)(1); Construction Permit CP07-0035 issued September 7, 2007 Condition III.(A)(4)	No
7962 and 7962-T	PM (filterable)	0.17 lb/hr, each unit ^[4]	1-hour	Title 129, Chapter 20, Section 001	No
7988 and 7989	PM (filterable)	0.25 lb/hr, each unit ^[5]	1-hour	Title 129, Chapter 20, Section 001	No
7975 and 7982	PM (filterable)	0.04 lb/hr, each unit ^[5]	1-hour	Title 129, Chapter 20, Section 001	No
8907 and 8908	PM (filterable)	0.36 lb/hr, each unit ^[5]	1-hour	Title 129, Chapter 20, Section 001	No
8919, 8920, and 8921	PM (filterable)	0.23 lb/hr, each unit ^[5]	1-hour	Title 129, Chapter 20, Section 001	No
8922	PM (filterable)	0.19 lb/hr ^[5]	1-hour	Title 129, Chapter 20, Section 001	No
7961, 7962, 7962-T, 7966, 7969, 7970, 7971, 7982, 7986, 7988, 7989, 4814, 8907, 8908, and 8919	Opacity	<20 %, each unit ^{[4],[5]}	6-minute	Title 129, Chapter 20, Section 004	No

Emission Point ID#	Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
8920, 8921, and 8922	Opacity	<20 %, each unit ^[4] , ^[5]	6-minute	Title 129, Chapter 20, Section 004	No

^[1] This emission limit only applies the coating, solvent and other chemical usage in the emission units. It does not include VOC emissions from the fuel combustion.

^[2] Compliance with Condition III.(A)(4)(c) demonstrates compliance with VOC limitations.

^[3] Compliance with Condition III.(A)(4)(g) demonstrates compliance with HAP limitations. The HAP limitations are for general use coating affected sources, as specified in NESHAP Subpart MMMM. If the emission units become affected sources in other coating categories (i.e. high performance coating) as specified in NESHAP Subpart MMMM, CNH must comply with the limitations per Condition III.(A)(3)(b).

^[4] Compliance with Condition II.(F) [proper operation and maintenance of emission unit] demonstrates compliance with PM (filterable) and opacity limitations.

^[5] Compliance with Condition III.(A)(4)(d) demonstrates compliance with PM (filterable) and opacity limitations.

- (b) The permittee shall comply with all applicable emission limitations and testing requirements in NESHAP Subpart MMMM for emission units 7961, 7962, 7962-T, 7966, 7969, 7970, 7971, 7975, 7982, 7986, 7988, 7989, 4814, 8907, 8908, 8919, 8920, 8921, and 8922 [Title 129, Chapter 28 Section 001.81].

(4) Operational and Monitoring Requirements:

- (a) Topcoat Booths 7988 and 7989 shall each be limited to a throughput of 42,250 gallons of coating during any consecutive twelve (12) month period [Title 129, Chapter 008, Section 013].
- (b) Index Booths 8907 and 8908 shall each be limited to a throughput of 62,000 gallons of coating during any consecutive twelve (12) month period [Title 129, Chapter 008, Section 013].
- (c) Compliance with the VOC limit in Condition III.(A)(3) shall be determined as follows [Construction Permit CP07-0035 issued September 7, 2007 Condition III.(A)(3)(a); Title 129, Chapter 8, Section 004.01A]:
- (i) Emissions shall be calculated by assuming all VOCs used are emitted, unless the VOC content of waste materials is determined and each such material is stored separately from other materials. Materials include, but are not limited to, coatings, thinners, other additives, and cleaning material used in surface coating or associated activities. To calculate emissions, the following equation shall be used:

[EMBED Equation.3]

where:

E = emissions (pounds);

n = number of VOC-containing materials used;

m = number of VOC-containing waste materials shipped off-site

v = volume of each VOC-containing material (gallons);

c = VOC content of each material (pounds per gallon).

Note: The second term in this equation is optional.

Should the source determine that it is not necessary to account for waste materials that are shipped off-site they may, at their discretion, not include this term in the emissions calculations.

- (ii) The VOC content and the density or specific gravity of the materials shall be obtained from the manufacturer or supplier including Material Safety Data Sheets (MSDS), batch reports, Environmental Data Sheets (EDS), or equivalent documentation. If the VOC content is given as a range, the maximum value from the range shall be used. If it is necessary to convert weight to volume, divide the weight (pounds) of the material used by the density (pounds per gallon) of the material. If specific gravity is given, multiply the specific gravity by 8.34 lb/gallon (density of water) to obtain the density of the product.
- (iii) The source shall sample the first shipment of any waste material shipped off site after this permit is issued for which VOC emission credit is being taken towards the limit in this condition. The sample shall be representative of the waste material shipment. Testing shall be conducted according to the procedures specified in Condition II.(D), as applicable. Testing shall be done in accordance with US EPA Test Method 25D. The source shall provide notification to the NDEQ of its intentions to test to allow the NDEQ an opportunity to determine the testing frequency. If the NDEQ has reason to believe that too much credit is being taken for waste material VOC emissions the frequency may be increased. The results of this test(s) shall be used to determine the VOC content of waste material shipped off site that is used for emission credit toward the VOC limit in this condition.
- (d) Particulate matter emissions from the emission units identified in Condition III.(A)(1) shall be controlled by pollution control equipment as follows: Touch-up Booths (Units 7975 and 7982) shall each be controlled by dry fabric filters; Topcoat Booths #1 and #2 (Units 7988 and 7989) shall each be controlled by a downdraft water wash system (scrubber); Index Paint System's Booths #1 and #2 (Units 8907 and 8908) shall be controlled by dry fabric filters; and the Powder Coat Booths (Units 8919, 8920, 8921, and 8922) shall be controlled by dry fabric filters [Construction Permit CP07-0035 issued September 7, 2007 Condition III.(A)(3)(b); Title 129, Chapter 8, Section 004.01C, and Chapter 20, Section 001].

- (e) Operation and maintenance of each scrubber shall be in accordance with the following requirements [Construction Permit CP07-0035 issued September 7, 2007 Condition III.(A)(3)(c); Title 129, Chapter 20, Section 001]:
 - (i) The scrubber shall be operated and be controlling emissions at all times when the associated emission units are in operation.
 - (ii) The scrubber shall be equipped with devices capable of continuously monitoring operating parameters including, at a minimum, air downdraft operation, water circulation, and pressure differential (pressure drop). Operating parameter readings shall be recorded at least once per shift the scrubber is in operation.
 - (iii) The pressure drop across each system shall be greater than or equal to 75 mm of water.
 - (iv) Observations at least once each day of scrubber operation shall be conducted to determine whether there are leaks, noise, or other indications that corrective action is necessary. If corrective action is required, it shall occur immediately.
 - (f) Operation and maintenance of each dry fabric filters shall be in accordance with the following requirements [Construction Permit CP07-0035 issued September 7, 2007 Condition III.(A)(3)(d); Title 129, Chapter 8, Section 004.01C and Chapter 20, Section 001]:
 - (i) The fabric filters shall be used at all times the associated paint booth is in operation.
 - (ii) Fabric filters shall be inspected and replaced in accordance with the operation and maintenance manual or more frequently to ensure proper operation.
 - (iii) Observations at least once each day of paint booth operation shall be conducted to determine whether there are leaks, or other indications that corrective action is necessary. If corrective action is required, it shall occur immediately.
 - (iv) The permittee shall maintain an on-site inventory of spare fabric filters of each type used to ensure rapid replacement in event of fabric filter failure.
 - (g) The permittee shall comply with all applicable operational and monitoring requirements in NESHAP Subpart M for emission units 7961, 7962, 7962-T, 7966, 7969, 7970, 7971, 7975, 7982, 7986, 7988, 7989, 4814, 8907, 8908, 8919, 8920, 8921, and 8922 [Title 129, Chapter 28, Section 001.81].
- (5) Recordkeeping and Reporting Requirements:

- (a) The permittee shall keep records documenting the amount of coating applied in each of following booths: 7988, 7989, 8907, and 8908, during each calendar month and during the previous twelve (12) consecutive calendar months to demonstrate compliance with Conditions III.(A)(4)(a) and (b) [Title 129, Chapter 8, Section 004.02].
- (b) The permittee shall keep records of the quantity and description of all VOC and HAP containing materials used in the equipment listed in Condition III.(A)(1) during the previous calendar month and during the preceding period of twelve (12) consecutive calendar months. These materials include, but not limited to, all coatings, paints, thinners, cleaners, adhesives and solvents. Purchase records or equivalent information documenting the quantity of each material used shall be kept on site. The records shall be compiled by the 15th day of each month [Construction Permit CP07-0035 issued September 7, 2007 Condition III.(A)(5)(a); Title 129, Chapter 8 Section 004.02].
- (c) The permittee shall keep records of calculated VOC emissions from the equipment listed in Condition III.(A)(1) for each calendar month and for the preceding period of twelve (12) consecutive calendar months to document compliance with the VOC limit in Condition III.(A)(3) [Construction Permit CP07-0035 issued September 7, 2007 Condition III.(A)(5)(b); Title 129, Chapter 8 Section 004.02].
- (d) MSDS or equivalent information documenting the VOC and HAP content of materials used per Condition III.(A)(4)(a)(ii) shall be kept on-site [Construction Permit CP07-0035 issued September 7, 2007 Condition III.(A)(5)(c); Title 129, Chapter 8 Section 004.02].
- (e) Testing results of waste material that is shipped off site per Condition III.(A)(4)(c)(iii) shall be kept on-site [Construction Permit CP07-0035 issued September 7, 2007 Condition III.(A)(5)(d); Title 129, Chapter 8 Section 004.02].
- (f) The permittee shall record pressure drop, air downdraft operation (yes or no), and water circulation (yes or no) of the water wash system on Emission Units 7988 and 7989 (two Topcoat Booths), at least once per shift that the units are in operation, and routine, preventive, and corrective maintenance activities performed on the system. These records must be maintained to demonstrate compliance with Conditions III.(4)(d) and (4)(e) [Construction Permit CP07-0035 issued September 7, 2007 Condition III.(A)(5)(e); Title 129, Chapter 8 Section 004.02 and Chapter 20, Section 001].
- (g) Filter replacement records shall be kept including the date the filter replacement occurred and the type of filter installed. These records shall be maintained to demonstrate compliance with Conditions III.(4)(d) and (4)(f) [Construction Permit CP07-0035

issued September 7, 2007 Condition III.(A)(5)(f); Title 129, Chapter 8 Section 004.02 and Chapter 20, Section 001].

- (h) The permittee shall keep records documenting the date, time, observations, and corrective actions taken for each day the associated fabric filter is in operation. These records must be maintained to demonstrate compliance with Conditions III.(4)(d) and (4)(f) [Construction Permit CP07-0035 issued September 7, 2007 Condition III.(A)(5)(g); Title 129, Chapter 8 Section 004.02 and Chapter 20, Section 001].
- (i) The permittee shall comply with all applicable recordkeeping and reporting requirements in NESHAP Subpart Mmmm for emission units 7961, 7962, 7962-T, 7966, 7969, 7970, 7971, 7975, 7982, 7986, 7988, 7989, 4814, 8907, 8908, 8919, 8920, 8921, and 8922 [Title 129, Chapter 28, Section 001.81]
- (i) The recordkeeping requirement per NESHAP Subpart Mmmm include the following:
 - 1. Each record must be kept for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report or record [40 CFR 63.3931(b)].
 - 2. A copy of each notification and report submitted pertaining to compliance with 40 CFR 63 Subpart Mmmm [40 CFR 63.3930(a)].
 - 3. A current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data, or test data used to determine the mass fraction of organic HAP and density for each coating, thinner and/or other additive, and cleaning material, and the volume fraction of coating solids for each coating [40 CFR 63.3930(b)].
 - 4. If testing was conducted by CNH to determine mass fraction of organic HAP, density, or volume fraction of coating solids, the permittee must keep a copy of the test report [40 CFR 63.3930(b)].
 - 5. If manufacturer information used was based on testing, the permittee must keep a copy of the summary sheet of results provided by the manufacturer [40 CFR 63.3930(b)].
 - 6. For each compliance period, a record of each coating operation, time period, and the compliance option used for each operation used [40 CFR 63.3930(c)(1)].

7. A record of the name and volume of each coating, thinner and/or other additive, and cleaning material used during each compliance period [40 CFR 63.3930(d)].
8. A record of the mass fraction of organic HAP for each coating, thinner and/or other additive, and cleaning material used during each 12-month period unless the material is tracked by weight [40 CFR 63.3930(e)].
9. A record of the volume fraction of coating solids for each coating used during each compliance period [40 CFR 63.3930(f)].
10. Records of the date, time, and duration of each deviation [40 CFR 63.3930(j)].
11. When the permittee uses the compliant method option, then the permittee must keep the following records for each compliance period:
 - A. A record of the calculation of the organic HAP content for each coating [40 CFR 63.3930(c)(30)].
 - B. The permittee may maintain purchase records for each material used rather than a record of the volume used [40 CFR 63.3930(d)].
12. When the permittee uses the emission rate without add-on controls option, the permittee must keep the following records for each compliance period:
 - A. A record of the calculation of the total mass of organic HAP emissions for the coatings, thinners and/or other additives, and cleaning materials used each month then [40 CFR 63.3930(c)(3)].
 - B. The calculation used to determine mass of organic HAP in waste materials then [40 CFR 63.3930(c)(3)].
 - C. If the permittee uses an allowance for organic HAP contained in waste materials sent to or designated for shipment to a treatments, storage, and disposal facility (TDSF), then the permittee must also keep the following records [40 CFR 63.3930(h)]:
 - i. The name and address of each TSDF where the waste materials were sent;

- ii. The date of each shipment;
 - iii. A statement of which Subparts under 40 CFR Parts 262, 264, 265, and 266 apply to the facility;
 - iv. The identification of the coating operation which produced waste materials included in each shipment, as well as, the month(s) in which it occurred;
 - v. The methodology used, in accordance with 40 CFR 63.3951(e)(4), to determine the following:
 - 1) The total amount of waste materials sent to or the amount collected, stored, and designated for transport to a TSDF each month;
 - 2) The mass of organic HAP contained in the waste materials;
 - 3) Sources for all data used in the determination;
 - 4) Methods used to generate the data;
 - 5) Frequency of testing or monitoring; and
 - 6) Supporting calculations and documentation, including the waste manifest for each shipment.
 - D. The calculation of the total volume of coating solids used each month then [40 CFR 63.3930(c)(3)].
 - E. The calculation of each 12-month organic HAP emission rate [40 CFR 63.3930(c)(3)].
 - F. The density for each coating, thinner and/or other additive, and cleaning material used during each rolling 12-month period [40 CFR 63.3930(g)].
- (ii) The reporting requirement per NESHAP Subpart MMMM include the following:
- 1. The permittee must submit the following information semiannually (general requirements for semiannual reports):
 - A. Identification of the compliance option(s) used for each coating operation during the reporting period [40 CFR 63.3920(a)(3)(iv)].

- B. If the permittee switched between compliance options during the reporting period, the beginning and ending dates for each option used [40 CFR 63.3920(a)(3)(iv)].
 - C. If there were no deviations from the emission limitations, the permittee must include a statement that there were no deviations from the emission limitations during the reporting period [40 CFR 63.3920(a)(4)].
2. When the permittee uses the compliant material option, the permittee must submit a compliance report with the following information semiannually:
- A. If there were no deviations from the applicable emission limit, then the permittee shall submit a statement that the coating operation(s) were in compliance with the emission limitations during the reporting period because coatings, thinners and/or other additives, or cleaning materials were used that contained organic HAP which exceeded the applicable emission limit [40 CFR 63.3942(c)].
 - B. If a deviation occurred during the reporting period, the permittee shall include the following with the semiannual report:
 - i. Identification of each coating used that deviated from the applicable emission limit, and each thinner and/or other additive, and cleaning material used that contained organic HAP, and the dates and time periods each was used [40 CFR 63.3920(a)(5)(i)].
 - ii. The calculation of the organic HAP content for each coating [40 CFR 63.3920(a)(5)(ii) and 63.3910(c)(6)].
 - iii. The determination of mass fraction of organic HAP for each thinner and/or other additive, and cleaning material identified in paragraph (a)(5)(i) of this section. You do not need to submit background data supporting this calculation (*e.g.*, information provided by material suppliers or manufacturers,

- or test reports) [40 CFR 63.3920(a)(5)(iii)].
- iv. A statement of the cause of each deviation [40 CFR 63.3920(a)(5)(iv)].
- 3. When the permittee uses the emission rate without add-on control option, the permittee must submit a compliance report with the following information semiannually:
 - A. The calculation results for each rolling 12-month organic HAP emission rate during the 6-month reporting period [40 CFR 63.3920(a)(3)(v)].
 - B. If there were no deviations from the emission limitations, the permittee must submit a statement that the coating operation(s) were in compliance with the emission limitations during the reporting period because the organic HAP emission rate for each compliance period was less than or equal to the applicable emission limit [40 CFR 63.3952(c)].
 - C. If a deviation occurred during the reporting period, the permittee shall include the following with the semiannual report:
 - i. The beginning and ending dates of each compliance period during which the 12-month organic HAP emission rate exceeded the applicable emission limit [40 CFR 63.3920(a)(6)(i)].
 - ii. The calculations used to determine the 12-month organic HAP emission rate for the compliance period in which the deviation occurred. The permittee not need to submit background data supporting these calculations [40 CFR 63.3920(a)(6)(ii)].
 - iii. The calculation used to determine mass of organic HAP in waste materials according to §63.3951(e)(4). The permittee not need to submit background data supporting these calculations [40 CFR 63.3920(a)(6)(ii)].
 - iv. A statement of the cause of each deviation [40 CFR 63.3920(a)(6)(iii)].

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

(B) Specific Conditions for External Combustion Units

(1) Permitted Emission Points:

The following table contains a description of emission points, control equipment, emission units, and relevant standards at the source at the time of permit issuance, in accordance with operating permit application #13R1-006, received February 6, 2013, including any supporting information received prior to issuance of this permit:

Emission Point ID#	Control Equipment ID# and Description	Emission Unit Description	Relevant Standards
2153	-	Building 2 – Air Makeup Unit, 11.7 MMBtu/hr maximum capacity, natural gas fired, constructed in 1994.	None
7956	-	Index Line – boiler, 5.5 MMBtu/hr, natural gas fired, installed in August 2012.	NESHAP Subparts A and DDDDD
7960	-	Pretreatment Boiler, 12.5 MMBtu/hr maximum capacity, natural gas fired, constructed in 2004.	NSPS Subparts A and Dc; NESHAP Subparts A and DDDDD
7965	-	E-Coat Oven, 10.5 MMBtu/hr maximum capacity, natural gas fired, constructed in 2004.	None
7972	-	Topcoat Oven, 12.0 MMBtu/hr maximum capacity, natural gas fired, constructed in 2002.	None
7988	-	Topcoat Booth No. 1's Air Makeup Unit, 10.85 MMBtu/hr maximum capacity, natural gas fired, installed in 2004.	None
7989	-	Topcoat Booth No. 2's Air Makeup Unit, 10.85 MMBtu/hr maximum capacity, natural gas fired, installed in 2004.	None
8909	-	Index Paint System – Dryoff Oven, 8.0 MMBtu/hr maximum capacity, natural gas fired, constructed in 2007.	None
8910	-	Index Paint System – Cure Oven, 14.0 MMBtu/hr maximum capacity, natural gas fired, constructed in 2007.	None
8915	-	Powder Coat Hot Water Boiler #1 (used unit), 8.4 MMBtu/hr maximum capacity, natural gas fired, installed in August 2008.	NESHAP Subparts A and DDDDD
8916	-	Powder Coat Hot Water Boiler #2, 5.0 MMBtu/hr maximum capacity, natural gas fired, installed in August 2009.	NESHAP Subparts A and DDDDD

(2) Applicable NSPS and NESHAP Requirements

- (a) Upon issuance of this permit, the source shall demonstrate compliance with all applicable NSPS Subpart A and Dc requirements for Emission Unit 7960 [Title 129, Chapter 18, Sections 001.01 and 001.52].
- (b) At the time of permit issuance, there are no NSPS requirements

applicable to the Emission Units 2153, 7965, 7972, 7988, 7989, 8909, 8910, 8915, and 8916.

- (c) At the time of permit issuance, there are no NESHAP requirements applicable to the Emission Units 2153, 7965, 7972, 7988, 7989, 8909, and 8910.
- (d) Upon issuance of this permit, the source shall demonstrate compliance with all applicable NESHAP Subpart A and DDDDD requirements for Emission Units 7956, 7960, 8915, and 8916 [Title 129, Chapter 28, Sections 001.01 and 001.70].
 - (i) When allowed by NESHAP Subpart DDDDD, the source has flexibility to change compliance options for each emission unit during the term of this permit. When changing emission unit compliance options, the source shall notify the NDEQ, in writing, a minimum of 30 days prior to the change. The notification shall include the following: (Title 129, Chapter 8, Section 013)
 1. The date of the change; and,
 2. The new compliance option that has been chosen

(3) Emission Limitations and Testing Requirements:

- (a) Pollutant emission rates from each emission point identified in the table below shall not exceed the permitted limits. Performance testing, if required, shall be conducted in accordance with Condition II.(D).

Emission Point ID#	Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
2153	PM (filterable)	6.77 lb/hr ^[1]	1-hour	Title 129, Chapter 20, Section 002	No
7956	PM (filterable)	7.12 lb/hr ^[1]	1-hour	Title 129, Chapter 20, Section 002	No
7960	PM (filterable)	7.12 lb/hr ^[1]	1-hour	Title 129, Chapter 20, Section 002	No
7965	PM (filterable)	6.23 lb/hr ^[1]	1-hour	Title 129, Chapter 20, Section 002	No
7972	PM (filterable)	6.90 lb/hr ^[1]	1-hour	Title 129, Chapter 20, Section 002	No
7988	PM (filterable)	6.39 lb/hr ^[1]	1-hour	Title 129, Chapter 20, Section 002	No
7989	PM (filterable)	6.39 lb/hr ^[1]	1-hour	Title 129, Chapter 20, Section 002	No
8909	PM (filterable)	4.80 lb/hr ^[1]	1-hour	Title 129, Chapter 20, Section 002	No
8910	PM (filterable)	7.77 lb/hr ^[1]	1-hour	Title 129, Chapter 20, Section 002	No
8915	PM (filterable)	5.04 lb/hr ^[1]	1-hour	Title 129, Chapter 20, Section 002	No

Emission Point ID#	Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
8916	PM (filterable)	3.00 lb/hr ^[1]	1-hour	Title 129, Chapter 20, Section <u>002</u>	No
2153, 7956, 7960, 7965, 7972, 7988, 7989, 8909, 8910, 8915, and 8916	Opacity	<20 %, each unit ^[1]	6-minutes	Title 129, Chapter 20, Section <u>004</u>	No

^[1] Compliance with Condition III.(B)(4)(b) demonstrates compliance with PM (filterable) and opacity limitations.

(4) Operational and Monitoring Requirements:

- (a) Unit No. 7960 (12.5 MMBtu/hr boiler) shall be equipped with a dedicated, non-resettable fuel meter to record the daily fuel consumption. The fuel meter shall be calibrated at least annually. [Construction Permit CP07-0035 issued September 7, 2007, Condition III.(B)(3)(a); Title 129, Chapter 18, Section 001.52]
- (b) Emission Units 2153, 7960, 7965, 7972, 7988, 7989, 8909, 8910, 8915, and 8916 shall combust natural gas only. [Construction Permit CP07-0035 issued September 7, 2007, Condition III.(B)(3)(b); Title 129, Chapter 8, Section 004.01C]
- (c) The permittee shall comply with all applicable operational requirements in NSPS Subpart Dc for Emission Unit 7960 [Title 129, Chapter 18, Section 001.52].
- (d) The permittee shall comply with all applicable operational requirements in NESHAP Subpart DDDDD for Emission Units 7956, 7960, 8915, and 8916 [Title 129, Chapter 28, Section 001.70].
 - (i) The permittee shall comply with the requirements for one time energy assessment and tune-ups [40 CFR 63.7540(a)].
 - 1. Units 7956, 7960, and 8915 (existing boilers) require an energy assessment in accordance with Table 3 of NESHAP Subpart DDDDD by January 31, 2016 [40 CFR 63.7495(b)]
 - 2. The frequency and compliance dates of the tune-ups of boilers include the following [NESHAP Subpart DDDDD Table 3; 40 CFR 63.7540(a)(10), (11) and (12); 40 CFR 63.7500(e); 40 CFR 63.7510(e); and 40 CFR 63.7495(b)]:

Unit #	Frequency of tune-ups	Next compliance date ^[1]
7960	Annually	1/31/2017
7956	Biennially	1/31/2018
8915	Biennially	1/31/2018
8916	Every 5 years	1/31/2021

^[1] The initial compliance date for the tune-ups for all 4 boilers was January 31, 2016 per 40 CFR 63.7510(e) and 40 CFR 63.7495(b).

3. The permittee shall conduct the tune-up in accordance with 40 CFR 63.7540(a)(10)(i)-(iv).

(5) Recordkeeping and Reporting Requirements:

- (a) The permittee shall comply with all applicable recordkeeping and reporting requirements in NSPS Subparts A and Dc for Emission Unit 7960 to include the following: [Construction Permit CP07-0035 issued September 7, 2007, Condition III.(B)(5)(a) and (b); Title 129, Chapter 18, Sections 001.01 and 001.52]
 - (i) Notifications and record keeping as required by 40 CFR 60.7.
 - (ii) Reporting and recordkeeping as required by 40 CFR 60.48c.
- (b) The permittee shall comply with all applicable recordkeeping and reporting requirements in NESHAP Subparts A and DDDDD for Emission Units 7956, 7960, 8915, and 8916 to include the following: [Construction Permit CP07-0035 issued September 7, 2007, Condition III.(B)(5)(c); Title 129, Chapter 28, Sections 001.01 and 001.70]
 - (i) Notifications as required by 40 CFR 63.7506(b) and 40 CFR 63.9(b).
 1. The recordkeeping requirement per NESHAP Subpart DDDDD include the following:
 - A. The permittee must keep a copy of each notification and report submitted to comply with NESHAP Subpart DDDDD, including all documentation supporting any Initial Notification or Notification of Compliance Status or annual, biennial, or 5-year compliance report submitted, according to the requirements of §63.10(b)(2)(xiv) [40 CFR 63.7555(a)].
 2. The reporting requirement per NESHAP Subpart DDDDD include the following:
 - A. The permittee shall submit annual, biennial, and/or 5-year compliance reports as set forth in the following table. Each compliance

report must be postmarked or submitted no later than January 31 [40 CFR 63.7550(b) and (b)(5)].

Required Reporting Frequency		
Unit #	Compliance Report Frequency	Next Compliance Report Due ^[1]
7960	Annually	1/31/2017
7956	Biennially	1/31/2018
8915	Biennially	1/31/2018
8916	Every 5 years	1/31/2021

^[1] Initial compliance report was due January 31, 2016 per 40 CFR 63.7495(b).

- B. Each compliance report submitted must include the following [40 CFR 63.7550(c)(1)];
- Company and Facility name and address [40 CFR 63.7550(c)(5)(i)].
 - Process unit information, emissions limitations, and operating parameter limitations [40 CFR 63.7550(c)(5)(ii)].
 - Date of report and beginning and ending dates of the reporting period [40 CFR 63.7550(c)(5)(iii)].
 - Date of the most recent tune-up for each unit subject to only the requirement to conduct an annual, biennial, or 5-year tune-up according to §63.7540(a)(10), (11), or (12) respectively. Include the date of the most recent burner inspection if it was not done annually, biennially, or on a 5-year period and was delayed until the next scheduled or unscheduled unit shutdown [40 CFR 63.7550(c)(5)(xiv)].
 - Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report [40 CFR 63.7550(c)(5)(xvii)].
- C. The permittee must submit all reports required by NESHAP Subpart DDDDD electronically to the EPA via the CEDRI. (CEDRI can be accessed through the EPA's CDX.) The permittee must use the appropriate electronic report in CEDRI for this subpart. Instead of using the electronic report in CEDRI for this subpart, you may

submit an alternate electronic file consistent with the XML schema listed on the CEDRI Web site

(<http://www.epa.gov/ttn/chief/cedri/index.html>), once the XML schema is available. If the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, you must submit the report to the Administrator at the appropriate address listed in §63.13. You must begin submitting reports via CEDRI no later than 90 days after the form becomes available in CEDRI [40 CFR 63.7550(h)(3)].

- (c) The permittee shall maintain records documenting the type of fuel to document compliance with Condition III.(B)(4)(b) [Title 129, Chapter 8, Section 004.02A].

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

(C) Specific Conditions for Burn Off Ovens

(1) Permitted Emission Points:

The following table contains a description of emission points, control equipment, emission units, and relevant standards at the source at the time of permit issuance, in accordance with operating permit application #13R1-006, received February 6, 2013, including any supporting information received prior to issuance of this permit:

Emission Point ID#	Control Equipment ID# and Description	Emission Unit Description	Relevant Standards
8912	Integrated Afterburner	Burn-Off Oven, modular starved air, 300 lb maximum capacity, 20 lb/hr maximum design burn capacity, 0.8 MMBtu/hr maximum capacity of fuel use, natural gas fired, installed March 2009.	None
8914	Afterburner	Burn-Off oven – Steelman Industries, pyrolysis incinerator, 300 lbs maximum capacity, 75 lbs/hr maximum design burn rate, 2.05 MMBtu/hr maximum capacity of fuel use, natural gas fired, installed January 30, 2012.	None
8933	Afterburner	Burn-Off Oven, 300 lbs maximum capacity, 75 lb/hr maximum design burn capacity, 2.05 MMBtu/hr maximum capacity of fuel use, natural gas fired, installed June 17, 2013.	None

(2) Applicable NSPS and NESHAP Requirements

At the time of permit issuance, there are no NSPS or NESHAP requirements applicable to the emission units listed in Condition III.(C)(1).

(3) Emission Limitations and Testing Requirements:

- (a) Pollutant emission rates from each emission point identified in the table below shall not exceed the permitted limits. Performance testing, if required, shall be conducted in accordance with Condition II.(D).

Emission Point ID#	Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
8912	PM (filterable)	0.10 gr/dscf of exhaust gas, corrected to 7% oxygen ^[1]	Test Method Average	Construction Permit #CP07-0035 issued September 7, 2007, Condition III.(C)(2)(a); Title 129, Chapter 22, Section 002	No

Emission Point ID#	Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
8914 and 8933	PM (filterable)	0.10 gr/dscf of exhaust gas, corrected to 7% oxygen, each unit ^[1]	Test Method Average	Construction Permit #CP11-032 issued December 20, 2011, Condition III.(A)(2)(a); Title 129, Chapter 22, Section 002	No
8912, 8914 and 8933	Opacity	<20 %, each unit ^[1]	6-minute	Title 129, Chapter 20, Section 004	No

^[1] Compliance with Condition III.(C)(4)(a) and (c) demonstrates compliance with PM (filterable) and opacity limitations.

(4) Operational and Monitoring Requirements:

- (a) The burn-off ovens shall be properly installed, maintained, and operated at all times in accordance with manufacturer's instructions or facility's operational and maintenance plan, including the proper operation and maintenance of the afterburners to control emissions. The facility's operational and maintenance plan, if applicable, shall be available within 30 days of startup of the burn-off ovens. Instructions for proper operation of the burn-off ovens, which include the terms and conditions of this permit, shall be posted on-site. [Construction Permit #CP07-0035 issued September 7, 2007, Condition III.(C)(3)(a); Construction Permit #CP11-032 issued December 20, 2011, Condition III.(A)(3)(a); and Title 129, Chapter 22, Sections 005 and 006]
- (b) The materials burned in the burn-off ovens shall be limited to coatings on metal parts and paint line fixtures (racks, grates and hooks). [Construction Permit #CP07-0035 issued September 7, 2007, Condition III.(C)(3)(b); Construction Permit #CP11-032 issued December 20, 2011, Condition III.(A)(3)(b); Title 129, Chapter 22, Sections 002 and 004]
- (c) The permittee shall conduct the following visible emissions surveys for emission points 8912, 8914 and 8933 [Title 129, Chapter 8, Sections 004.01B and 013; Chapter 20, Section 004]:
 - (i) A source representative trained EPA Test Method 9 shall conduct visible emissions surveys in accordance with Method 9 for each emission point 8912, 8914 and 8933 on a daily basis while each emission unit is in operation. For this condition, "Trained in EPA Test Method 9" shall mean someone who has participated in the classroom and field observation exercises at least once in the last 5 years, and has received Method 9 certification at least once in the last 5 years.
 - (ii) For each emission point with observed visible emissions equal to or exceeding 20% opacity during the visible

emissions survey required above, the source representative shall proceed with appropriate corrective action and conduct an additional visible emissions survey in accordance with Method 9 after completion of the corrective action.

(5) Recordkeeping and Reporting Requirements:

- (a) The permittee shall keep the following records to demonstrate compliance with Condition III.(C)(4)(a): [Construction Permit #CP07-0035 issued September 7, 2007, Condition III.(C)(5)(a); Construction Permit #CP11-032 issued December 20, 2011, Condition III.(A)(5)(a); Title 129, Chapter 22, Section 005]
 - (i) Written certification that each burn-off oven was installed per the manufacturers' recommendations and requirements.
 - (ii) Records showing when routine inspection and maintenance were performed and what, if any, corrective actions or repairs were completed.
 - (iii) Written certification that the burn-off oven operator has read and understands the instructions for proper operation of the unit, which includes the terms and conditions of this permit; and intends to comply with the burn-off oven operating instructions.
- (b) The permittee shall keep the following records to demonstrate compliance with Condition III.(C)(4)(b), records of the type of materials burned during each charge in each burn-off oven. [Construction Permit #CP07-0035 issued September 7, 2007, Condition III.(C)(5)(b); Construction Permit #CP11-032 issued December 20, 2011, Condition III.(A)(5)(b); Title 129, Chapter 22, Sections 002 and 004]
- (c) The permittee shall keep the following visible emissions surveys conducted on emission points 8912, 8914 and 8933 [Title 129, Chapter 8, Section 004.02]:
 - (i) The permittee shall keep records of each person trained in EPA Test Method 9 on-site for a minimum of 5 years.
 - (ii) The results of each visible emissions survey shall be recorded in a log, which shall include, at a minimum, the following items:
 - 1. All emission points from which visible emissions occurred (except for water vapor).
 - 2. The opacity of emissions in increments of 5%.
 - 3. Emission points for which the emission units were not in operation during the survey.
 - 4. Each entry shall be dated and initialed by the person taking the opacity readings.

- (ii) To document compliance with Condition III. (B)(4)(C), if observed opacity equals or exceeds 20%, the permittee shall record the following:
 - 1. The cause of the emissions;
 - 2. The corrective action taken; and,
 - 3. Opacity readings, in increments of 5%, following corrective action.

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

(D) Specific Conditions for Reciprocating Internal Combustion Engines

(1) Permitted Emission Points:

The following table contains a description of emission points, control equipment, emission units, and relevant standards at the source at the time of permit issuance, in accordance with operating permit application #13R1-006, received February 6, 2013, including any supporting information received prior to issuance of this permit:

Emission Point ID#	Control Equipment ID# and Description	Emission Unit Description	Relevant Standards
2081	None	Emergency generator: Generator: Onan 30 KW, 37.5 kVa, Model 1562D, S/N 0372432647; Engine: Ford Motor, 6 cylinder Inline 05123 B-22-HB, Engine displacement of 240, 0.36 MMBtu/hr maximum capacity, maximum displacement of 0.7 Liters/cylinder, propane fired, spark ignition reciprocating internal combustion engine (SI RICE), installed in 1997, located in Shipping Building	NESHAP Subparts A and ZZZZ
2082	None	Emergency generator: Milbank, Model: MG3520831WIN, 35 kW, 120/208, 64 hp, maximum displacement of 1.85 liters/cylinder, 6 cylinders, natural gas fired, SI RICE, 4-stroke rich burn, manufactured in 2014, installed in 2014, located in Front Office.	NSPS Subparts A and JJJJ; and NESHAP Subparts A and ZZZZ
2111	None	Emergency generator: Milbank, Model: MG120480310S, 190 hp, 1.26 MMBtu/hr maximum capacity, natural gas fired, SI RICE, 4-stroke rich burn, manufactured 2015, installed July 2015, located above paint office.	NSPS Subparts A and JJJJ; and NESHAP Subparts A and ZZZZ
2328	None	Emergency generator: Generator: Cummins Power Generation, Model 35GGFD-5813223, S/N C07003739; Engine: Ford Motor, 6 cylinder 5C 722 AB 4.2L Windsor Canada 2007 Model ESG642, S/N 07XK64378, 0.09 MMBtu/hr maximum capacity, natural gas fired, spark ignition reciprocating internal combustion engine (SI RICE), 4-stroke rich burn; manufactured March 28, 2007, installed December 2007; located in the Hay Tools Addition.	NESHAP Subparts A and ZZZZ

(2) Applicable NSPS and NESHAP Requirements

- (a) At the time of permit issuance, there are no NSPS requirements applicable to the emission units 2081 and 2328.
- (b) Upon issuance of this permit, the source shall demonstrate compliance with all applicable NSPS Subparts A and JJJJ requirements for emission units 2082 and 2111 [Title 129, Chapter 18, Sections 001.01 and 001.82].
 - (i) When allowed by NSPS Subpart JJJJ, the source has flexibility to change compliance options for each emission unit during the term of this permit. When changing emission unit compliance options, the source shall notify the NDEQ, in writing, a minimum of 30 days prior to the change. The notification shall include the following: (Title 129, Chapter 8, Section 013 and 015)
 - 1. The date of the change; and,
 - 2. The new compliance option that has been chosen
- (c) Upon issuance of this permit, the source shall demonstrate compliance with all applicable NESHAP Subpart A and ZZZZ requirements for emission units 2081, 2082, 2111, and 2328 [Title 129, Chapter 28, Sections 001.01 and 001.88].
 - (i) When allowed by NESHAP Subpart ZZZZ, the source has flexibility to change compliance options for each emission unit during the term of this permit. When changing emission unit compliance options, the source shall notify the NDEQ, in writing, a minimum of 30 days prior to the change. The notification shall include the following: (Title 129, Chapter 8, Section 013)
 - 1. The date of the change; and,
 - 2. The new compliance option that has been chosen

(3) Emission Limitations and Testing Requirements:

- (a) Pollutant emission rates from each emission point identified in the table below shall not exceed the permitted limits. Performance testing, if required, shall be conducted in accordance with Condition II.(D).

Emission Point ID#	Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
2081	PM (filterable)	0.22 lb/hr ^[2]	1-hour	Title 129, Chapter 20, Section <u>002</u>	No
2082	NO _x + HC	10 g/hp-hr ^[1]	Test Method Average	Title 129, Chapter 18, Section <u>001.82</u> ; NSPS Subpart JJJJ, §60.4233(d) and Table 1	No
	CO	387 g/hp-hr ^[1]	Test Method Average		No

Emission Point ID#	Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
2082	PM (filterable)	0.27 lb/hr ^[2]	1-hour	Title 129, Chapter 20, Section <u>002</u>	No
2111	NO _x	2.0 g/hp-hr ^[1]	Test Method Average	Title 129, Chapter 18, Section 001.82; NSPS Subpart JJJJ, §60.4233(e) and Table 1	No
	CO	4.0 g/hp-hr ^[1]	Test Method Average		No
	VOC	1.0 g/hp-hr ^[1]	Test Method Average		No
	PM (filterable)	0.76 lb/hr ^[1]	1-hour	Title 129, Chapter 20, Section <u>002</u>	No
2328	PM (filterable)	0.05 lb/hr ^[2]	1-hour	Title 129, Chapter 20, Section <u>002</u>	No
2081, 2082, 2111, 2328	Opacity	<20%, each unit ^[2]	6-minutes	Title 129, Chapter 20, Section <u>004</u>	No

^[1] Compliance with Condition III.(D)(4)(a) and (4)(b) demonstrates compliance with NO_x, CO, NO_x+HC, and VOC.

^[2] Compliance with Condition III.(D)(4)(c) demonstrates compliance with PM (filterable) and Opacity limitations.

- (b) The permittee shall comply with all applicable emission limitations in NSPS Subpart JJJJ for emission units 2082 and 2111 [Title 129, Chapter 18 Section 001.82].

(4) Operational and Monitoring Requirements:

- (a) The permittee shall comply with all applicable operational and monitoring requirements in NESHAP Subpart ZZZZ for emission units 2081, 2082, 2111, and 2328 [Title 129, Chapter 28, Section 001.88].
- (i) The NSPS Subpart JJJJ operational and monitoring requirements for emission units 2082 and 2111 demonstrates compliance with the NESHAP Subpart ZZZZ operational and monitoring requirements for emission units 2082 and 2111 [40 CFR 63.6590(c)(6)].
- (ii) The work practices standards per NESHAP Subpart ZZZZ include the following [40 CFR 63.6602]:
1. The permittee must meet the following requirements for emergency stationary SI RICE (Units 2081 and 2328) [NESHAP Subpart ZZZZ, Table 2c, Item 6]
 - A. Change oil and filter every 500 hours of operation or annually, whichever comes first, or utilize an oil analysis program pursuant to 40 CFR 63.6625(j) to extend the specified oil change requirements.
 - B. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and

- C. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.
- 2. If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the work practice requirements on the schedule required in NESHAP Subpart ZZZZ Table 2c, or if performing the work practice on the required schedule would otherwise pose an unacceptable risk under federal, state, or local law, the work practice can be delayed until the emergency is over or the unacceptable risk under federal, state, or local law has abated. The work practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under federal, state, or local law has abated. Sources must report any failure to perform the work practice on the schedule required and the federal, state or local law under which the risk was deemed unacceptable [NESHAP Subpart ZZZZ, Table 2c, footnote 1].
- (iii) The permittee of an existing emergency stationary RICE with a site rating of less than or equal to 500 HP located at a major source of HAP emissions must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions [40 CFR 63.6625(e) and (e)(2), §63.6640(a)].
- (iv) The permittee of an existing emergency stationary RICE with a site rating of less than or equal to 500 HP located at a major source of HAP emissions must install a non-resettable hour meter [40 CFR 63.6625(f)].
- (v) The permittee may not operate the emergency RICE more than 100 hours per calendar year for non-emergency use, including maintenance checks and readiness testing. Up to 50 hours of this 100 hour limit may be used for other allowed non-emergency operations defined in §63.6640(f) [40 CFR 63.6640(f)]
- (b) The permittee shall comply with all applicable operational and monitoring requirements in NSPS Subpart JJJJ for emission units 2082 and 2111. The operational and monitoring requirements for NSPS Subpart JJJJ include the following [Title 129, Chapter 18, Section 001.82]:

- (i) Owners or operators of a stationary SI ICE must operate and maintain stationary SI ICE that achieve the emission standards as required in §60.4233 over the entire life of the engine [40 CFR 60.4234].
- (ii) Owners or operators of a stationary SI internal combustion engine that is manufactured after July 1, 2008, and must comply with the emission standards specified in §60.4233(a) through (c), by purchasing an engine certified to the emission standards in §60.4231(a) through (c), as applicable, for the same engine class and maximum engine power. In addition, you must meet one of the requirements specified in §60.4243(a)(1) and (2) [40 CFR 60.4243(a)]
 - 1. If you operate and maintain the certified stationary SI internal combustion engine and control device according to the manufacturer's emission-related written instructions, you must keep records of conducted maintenance to demonstrate compliance, but no performance testing is required if you are an owner or operator. You must also meet the requirements as specified in 40 CFR part 1068, subparts A through D, as they apply to you. If you adjust engine settings according to and consistent with the manufacturer's instructions, your stationary SI internal combustion engine will not be considered out of compliance [40 CFR 60.4243(a)(1)].
 - 2. If you do not operate and maintain the certified stationary SI internal combustion engine and control device according to the manufacturer's emission-related written instructions, your engine will be considered a non-certified engine, and you must demonstrate compliance according to §60.4243(a)(2)(i) through (iii) of this section, as appropriate [40 CFR 60.4243(a)(2)].
 - A. If you are an owner or operator of a stationary SI internal combustion engine less than 100 HP, you must keep a maintenance plan and records of conducted maintenance to demonstrate compliance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions, but no performance testing is required if you are an owner or operator [40 CFR 60.4243(a)(2)(i)].
 - B. If you are an owner or operator of a stationary SI internal combustion engine

greater than or equal to 100 HP and less than or equal to 500 HP, you must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, you must conduct an initial performance test within 1 year of engine startup to demonstrate compliance [40 CFR 60.4243(a)(2)(ii)].

- (iii) Owners or operators of a stationary SI internal combustion engine and must comply with the emission standards specified in §60.4233(d) or (e), you must demonstrate compliance according to one of the methods specified §60.4243(b)(1) and (2) [40 CFR 60.4243(b)].
 - 1. Purchasing an engine certified according to procedures specified in NSPS Subpart JJJJ, for the same model year and demonstrating compliance according to one of the methods specified in §60.4243(a) [40 CFR 60.4243(b)(1)].
 - 2. Purchasing a non-certified engine and demonstrating compliance with the emission standards specified in §60.4233(d) or (e) and according to the requirements specified in §60.4244, as applicable, and according to §60.4243(b)(2)(i) and (ii) [40 CFR 60.4243(b)(2)].
- (iv) Owners and operators of an emergency stationary ICE must operate the emergency stationary ICE according to the requirements in §60.4243(d)(1) through (3). In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in §60.4243(d)(1) through (3), is prohibited. If you do not operate the engine according to the requirements in §60.4243(d)(1) through (3), the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines [40 CFR 60.4243(d)].
 - 1. There is no time limit on the use of emergency stationary ICE in emergency situations [40 CFR 60.4243(d)(1)].
 - 2. You may operate your emergency stationary ICE for any combination of the purposes specified in §60.4243(d)(2)(i) for a maximum

- of 100 hours per calendar year. [40 CFR 60.4243(d)(2)].
- A. Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.
3. Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in §60.4243(d)(2).
- (c) Emission unit 2081 shall combust propane only. Emission units 2082, 2111, and 2328 shall combust natural gas only [Title 129, Chapter 8, Section 004.01C].
- (5) Recordkeeping and Reporting Requirements:
- (a) The permittee shall comply with all applicable recordkeeping and reporting requirements in NESHAP Subpart ZZZZ for emission units 2081, 2082, and 2111, and 2328. [Title 129, Chapter 28, Section 001.88].
- (i) The NSPS Subpart JJJJ recordkeeping and reporting requirements for emission units 2082 and 2111 demonstrates compliance with the NESHAP Subpart ZZZZ recordkeeping and reporting requirements for emission units 2082 and 2111 [40 CFR 63.6590(c)(6)].
- (ii) The recordkeeping requirement per NESHAP Subpart ZZZZ (for Units 2081 and 2328) include the following:
1. The permittee must keep records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment [40 CFR 63.6655(a)(2)].

2. The permittee must keep records of actions taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal manner of operation [40 CFR 63.6655(a)(5)].
 3. The permittee must keep the records required in Table 6 of NESHAP Subpart ZZZZ to show continuous compliance with each emission or operating limitation that applies to the permittee [40 CFR 63.6655(d)].
 - A. Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions [NESHAP Subpart ZZZZ, Table 6, Item 9]; or
 - B. Develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions [NESHAP Subpart ZZZZ, Table 6, Item 9].
 4. The permittee must keep records of the maintenance conducted on the emergency stationary RICE in order to demonstrate that permittee operated and maintained the stationary RICE and after-treatment control device (if any) according to the permittee's maintenance plan [40 CFR 63.6655(e) and (e)(2)].
 5. The permittee must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. [40 CFR 63.6655(f) and (f)(1)].
 6. The permittee must keep each record readily accessible for expeditious review in hard copy or electronic form for at least 5 years after the date of each occurrence, maintenance, corrective action, report, or record [40 CFR 63.6660(a), (b), and (c)].
- (b) The permittee shall comply with all applicable recordkeeping and reporting requirements in NSPS Subpart JJJJ for emission units 2082 and 2111 [Title 129, Chapter 18, Section 001.82].

- (i) Owners and operators of all stationary SI ICE must keep records of the information in §60.4245 (a)(1) through (4) [40 CFR 60.4245(a)].
 - 1. All notifications submitted to comply with this subpart and all documentation supporting any notification.
 - 2. Maintenance conducted on the engine.
 - 3. If the stationary SI internal combustion engine is a certified engine, documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR parts 90, 1048, 1054, and 1060, as applicable.
 - 4. If the stationary SI internal combustion engine is not a certified engine or is a certified engine operating in a non-certified manner and subject to §60.4243(a)(2), documentation that the engine meets the emission standards.
- (ii) Owners and operators of stationary SI ICE that are subject to performance testing must submit a copy of each performance test as conducted in §60.4244 within 60 days after the test has been completed [40 CFR 60.4245(d)].
- (c) The permittee shall maintain records documenting the type of fuel to document compliance with Condition III.(D)(4)(c) [Title 129, Chapter 8, Section 004.02A].

III. SPECIFIC CONDITIONS FOR AFFECTED EMISSION POINTS:

(E) Specific Conditions for Insignificant Activities:

- (1) The following table contains a description of insignificant activities at the source at the time of permit issuance, in accordance with operating permit application #13R1-006, received February 6, 2013, including any supporting information received prior to issuance of this permit:

Equipment ID	Unit Description ^[1]	Insignificance Criteria
2106	Air Make-Up Unit, 1.05 MMBtu/hr maximum capacity, natural gas fired, located in the burn-off oven vestibule, installed in 2012.	< 10 MMBtu/hr heat input
2014-2017, 2022, 2024	Air Makeup Units, six units, 6.3 MMBtu/hr each, natural gas fired	< 10 MMBtu/hr heat input
2105	Boiler Room - 0.05 MMBtu/hr heater, natural gas fired, used for comfort heat	< 10 MMBtu/hr heat input
N/A	Building 2 - Four radiant heaters, 0.15 MMBtu/hr each, natural gas fired	< 10 MMBtu/hr heat input
2186	Building 2 SE – 5.3 MMBtu/hr Air Makeup Unit, natural gas fired, used for comfort heat	< 10 MMBtu/hr heat input
2191	Building 3 E Center – 5.3 MMBtu/hr Air Makeup Unit, natural gas fired, used for comfort heat	< 10 MMBtu/hr heat input
2190	Building 3 North – 5.3 MMBtu/hr Air Makeup Unit, natural gas fired, used for comfort heat	< 10 MMBtu/hr heat input
2187	Building 4 E – 5.3 MMBtu/hr Air Makeup Unit, natural gas fired, used for comfort heat	< 10 MMBtu/hr heat input
N/A	Building 5- Two radiant heaters, 0.25 MMBtu/hr each, natural gas fired	< 10 MMBtu/hr heat input
N/A	Building 5- Six radiant heaters, 0.2 MMBtu/hr each, natural gas fired	< 10 MMBtu/hr heat input
2138	Building 5 – 2.9 MMBtu/hr Air Makeup Unit, natural gas fired, used for comfort heat	< 10 MMBtu/hr heat input
2144	Building 5 – 5.9 MMBtu/hr Air Makeup Unit, natural gas fired, used for comfort heat	< 10 MMBtu/hr heat input
2189	Building 5 Center – 5.3 MMBtu/hr Air Makeup Unit, natural gas fired, used for comfort heat	< 10 MMBtu/hr heat input
2188	Building 5 E – 5.3 MMBtu/hr Air Makeup Unit, natural gas fired, used for comfort heat	< 10 MMBtu/hr heat input
2137	Building 6 – 2.9 MMBtu/hr Air Makeup Unit, natural gas fired, used for comfort heat	< 10 MMBtu/hr heat input
N/A	Building 6 - 0.2 MMBtu/hr radiant heater, natural gas fired	< 10 MMBtu/hr heat input
2227	Building 6 – 2.05 MMBtu/hr Air Makeup Unit, natural gas fired	< 10 MMBtu/hr heat input

Equipment ID	Unit Description ^[1]	Insignificance Criteria
2228	Building 6 – 2.05 MMBtu/hr Air Makeup Unit, natural gas fired	< 10 MMBtu/hr heat input
2011	Building 6 North - 2.5 MMBtu/hr heater, natural gas fired, used for comfort heat	< 10 MMBtu/hr heat input
2219	Building 8 – 3.3 MMBtu/hr Air Makeup Unit, natural gas fired	< 10 MMBtu/hr heat input
2104	Door 19 - 0.05 MMBtu/hr heater, natural gas fired	< 10 MMBtu/hr heat input
6319, 6320, and 6321	Hay Equipment Manufacturing Building– Three Air Makeup Units, 4.93 MMBtu/hr each, natural gas fired, used for comfort heat	< 10 MMBtu/hr heat input
N/A	Hay Equipment Manufacturing Building – Four radiant heater burners, 0.24 MMBtu/hr each, natural gas fired	< 10 MMBtu/hr heat input
N/A	Hay Equipment Manufacturing Building – 0.36 MMBtu/hr Rooftop Air Makeup Unit, natural gas fired	< 10 MMBtu/hr heat input
N/A	Loading Rack – tube heaters, consisting of two 0.2 MMBtu/hr burners, natural gas fired.	< 10 MMBtu/hr heat input
7926	Mix Room - 0.1 MMBtu/hr heater, natural gas fired, used for comfort heat	< 10 MMBtu/hr heat input
N/A	Office – 0.15 MMBtu/hr roof top heater, natural gas fired	< 10 MMBtu/hr heat input
N/A	Office – 0.18 MMBtu/hr roof top heater, natural gas fired	< 10 MMBtu/hr heat input
N/A	Office – 0.4 MMBtu/hr roof top heater, natural gas fired	< 10 MMBtu/hr heat input
2141	Office – 1.50 MMBtu/hr boiler (hot water heater), natural gas fired, used for comfort heat, installed in November 2015.	< 10 MMBtu/hr heat input
2327	Powder Coat Environmental Room – 0.5 MMBtu/hr Air Makeup Unit, natural gas fired, used for comfort heat	< 10 MMBtu/hr heat input
N/A	Powder Coat Environmental Room – 2.592 MMBtu/hr Air Makeup Unit, natural gas fired, used for comfort heat	< 10 MMBtu/hr heat input
N/A	Shipping Building – Two radiant heaters, 0.25 MMBtu/hr each, natural gas combustion	< 10 MMBtu/hr heat input
N/A	Shipping Building – Six radiant heaters, 0.2 MMBtu/hr each, natural gas combustion	< 10 MMBtu/hr heat input
N/A	Small Parts Building – Six radiant heaters, 0.2 MMBtu/hr each, natural gas fired	< 10 MMBtu/hr heat input
4814	Strip Tank – 0.5 MMBtu/hr heater, natural gas fired.	< 10 MMBtu/hr heat input
8917	3.0 MMBtu/hr Powder Coat Dryoff Oven, natural gas fired	< 10 MMBtu/hr heat input

Equipment ID	Unit Description ^[1]	Insignificance Criteria
8918	8.0 MMBtu/hr Cure Oven (two burners at 4 MMBtu/hr each)	< 10 MMBtu/hr heat input
N/A	Two solvent recovery units, installed in 2014	HAP emissions less than reporting levels in Title 129 Appendixes II and III
00T2	10,000 gallon capacity storage tank, storing Diesel Fuel	Vapor pressure < 0.5 psia; < 1 million gallons throughput
00T4	10,000 gallon capacity storage tank, storing ethylene glycol	HAP emissions less than reporting levels in Title 129 Appendixes II and III
N/A	Welders (219) – source wide	Welding operations with HAP emissions less than reporting levels in Title 129 Appendixes II and III
N/A	Laser cutters – source wide	Laser cutting operations with HAP emissions less than reporting levels in Title 129 Appendixes II and III
N/A	Grinders (15) – source wide	Grinding operations with HAP emissions less than reporting levels in Title 129 Appendixes II and III
00NP1	Plant Wide Maintenance Parts Washer	HAP emissions less than reporting levels in Title 129 Appendixes II and III

^[1] All emission units were constructed after February 26, 1974.

(2) Emission Limitations:

Each insignificant activity shall not exceed the permitted limits identified in the following table (Title 129, Chapter 7, Section 006.04).

Insignificant Activity ID#	Pollutant	Permitted Limit	Averaging Period	Basis for Permit Limit	Performance Testing Required
Source-Wide Welders, Laser-Cutters, and Grinders	PM (filterable)	Limits per Chapter 20, Section 001	Three 1-hour periods	Title 129, Chapter 20, Section 001	No
All combustion units identified in Condition III.(E)(1)	PM (filterable)	0.6 lb/MMBtu for each unit	Three 1-hour periods	Title 129, Chapter 20, Section 002	No
All units identified in Condition III.(E)(1)	Opacity	< 20 percent for each unit	6 minutes	Title 129, Chapter 20, Section 004	No

(3) Operational and Monitoring Requirements:

The insignificant activities identified in Condition III.(E)(1) are exempt from operational and monitoring requirements (Title 129, Chapter 7, Section 006.04 and Chapter 8, Section 004.01B).

(4) Recordkeeping and Reporting Requirements:

A contemporaneous written notification shall be made to the NDEQ if there are additions, or changes, to the list of insignificant activities in Specific Condition III.(E)(1) (insignificant activities are as defined in Operating Permit Application Forms). Notification is only required for those insignificant activities that must be included in an application. The notification shall include the following (Title 129, Chapter 8, Section 013):

- (a) A brief description of the addition or change within the permitted source;
- (b) The date on which the addition or change will occur;
- (c) Any change in emissions; and,
- (d) The criteria, as defined in the Operating Permit Application Forms, used to determine that the addition or change to the list of insignificant activities qualifies as insignificant.